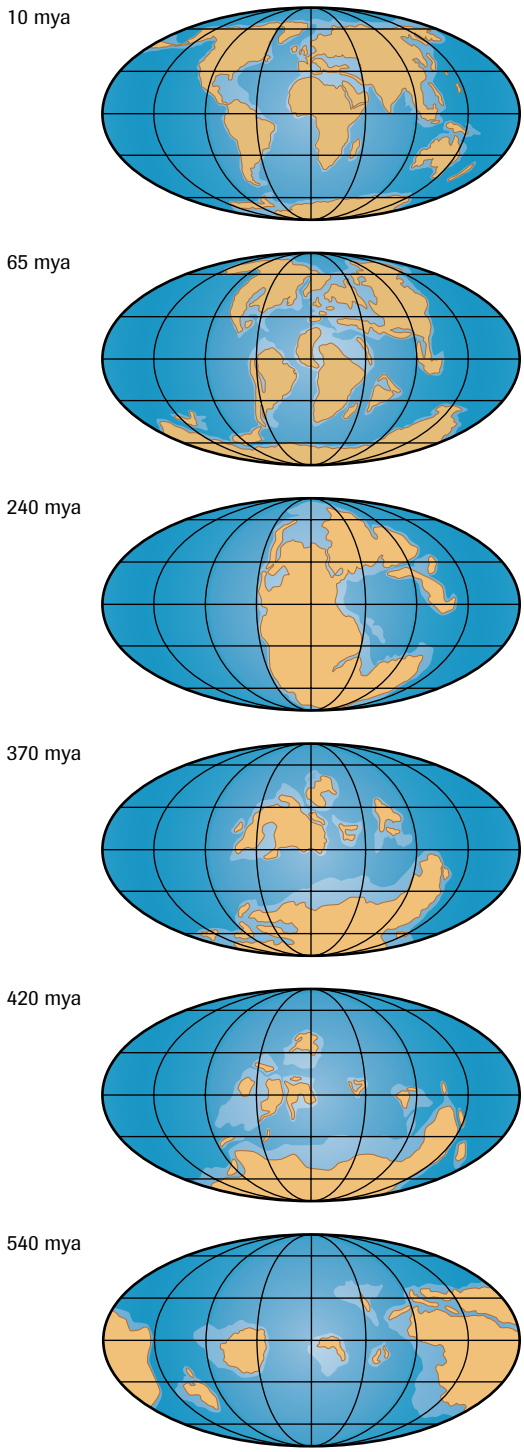
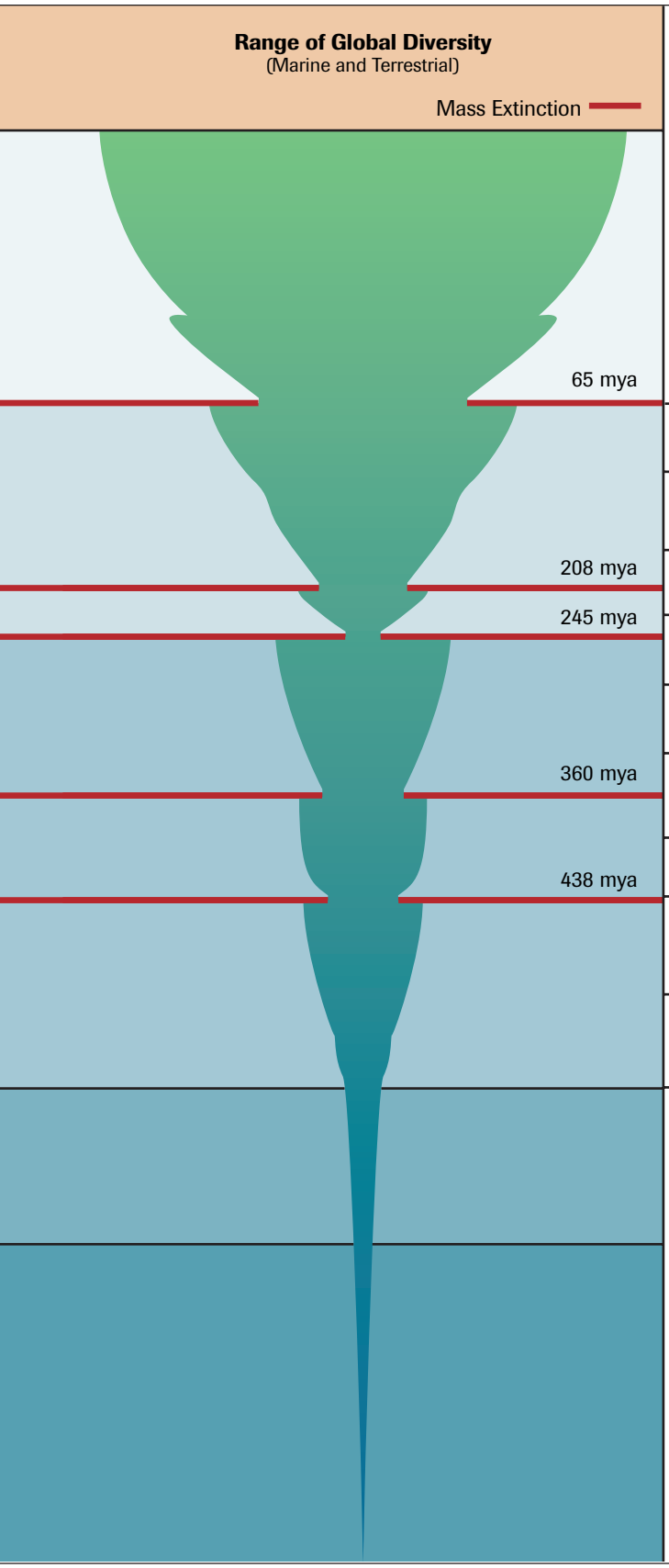
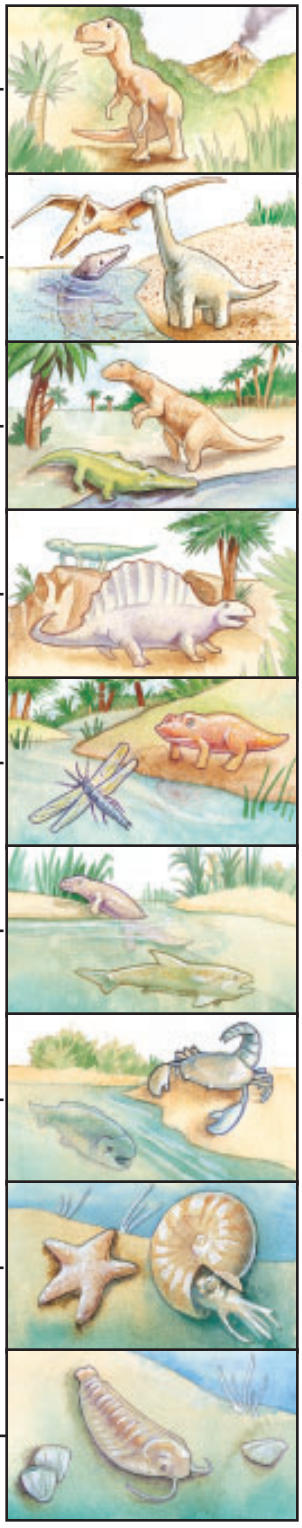


Moving Continents	Era	Period	Epoch	Age millions of years ago (mya)
	Cenozoic	Quaternary	Recent	0.01
			Pleistocene	1.8
		Tertiary	Pliocene	5
			Miocene	24
			Oligocene	37
			Eocene	58
			Paleocene	65
	Mesozoic	Cretaceous	Late	100
			Early	144
		Jurassic		208
		Triassic		245
	Paleozoic	Permian		286
		Carboniferous		360
		Devonian		408
		Silurian		438
		Ordovician		505
		Cambrian		570
	Proterozoic	Oxygen(O_2) abundant		2000
				2500
	Archean	Oldest fossils known		3500
		Oldest dated rocks		3800
		Approximate origin of Earth		4600





65 mya
extinction of large reptiles
mammal radiation begins
angiosperm plants dominate

135–180 mya
birds appear
reptiles rule land, air, and sea
mammals appear
angiosperm plants appear

180–225 mya
cycad-like and conifer trees dominate
mammal-like reptiles appear
early dinosaurs appear

225–280 mya
reptiles radiate
coniferous trees radiate and modernize

280–345 mya
reptiles appear
amphibians and insects radiate
coniferous trees appear

345–395 mya
amphibians appear
trees and forests appear
insects appear
first bony fish appear
land plants radiate

395–435 mya
land plants appear
arthropods invade land
jawed fish appear
armoured fish dominate

435–500 mya
vertebrates appear
armored jawless fish appear
shell-bearing marine invertebrates dominate

500–570 mya
shell-bearing animals appear
marine invertebrates radiate